Join us for a Math Monday talk by

Prof. Carol Schumacher

Monday, Sept. 17
3:10 p.m. RBH 311

Fast forward, slow motion:

A graphical link between fast and slow time scales

Abstract: The world is shaped by interactions between things that develop slowly over time and things that happen very rapidly. Picture a garden. A bud takes hours to open up into a flower. A bee takes seconds to fly in, pollinate the flower and then depart. It can be difficult to fully consider both fast and slow time scales at the same time---yet it is the *interaction* between these events that makes the garden work. Mathematicians have developed a number of techniques for analyzing systems that include both fast and slow time scales. We will consider a graphical method for predicting what happens when fast and slow interact.